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SOURCE GOST 2134-43,

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USSR STANDARD FOR AVIATION PRIMING GASOLINE (GOST 2134-43)

(Petroleum Industry P 21)

1. This standard applies to low-boiling gasoline (obtained through straight-run distillation, cracking, and reforming processes) which has been specified for priming aircraft engines.

2. Upon delivery by the manufacturer, aviation priming gasoline must fulfill the following requirements:

<u>Physicochemical Properties</u>	<u>Indicators</u>	<u>Test Method</u>
1. Fractional composition		
a. Distillation begins at not over	40° C	GOST 1576-42
b. 90% distills off at not over	100° C	
c. Boiling endpoint not over	160° C	
d. Residue in retort after distillation not over	1.5%	
2. Vapor pressure (Reid)	500-1,500 mm Hg	GOST 1756-42

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Physicochemical Properties

Indicators

Test Method

3. Mechanical impurities

None

4. Water content

None

Gasoline, poured into glass cylinder 40-50 mm in diameter, should be transparent and contain no suspended or precipitated foreign matter.

3. Packing, marking, handling, storing, and inspection of aviation starting gasoline are carried out as prescribed by GOST 1510-42 (replaced by GOST 1510-45). Gasoline with vapor pressure over 1,000 mm Hg is handled and stored in Type L100 iron drums or in special containers.

4. Upon delivery of aviation priming gasoline, an average sample of 1.5 liters is prescribed by GOST 1576-42 for analysis.

Proposed by the People's Commissariat of Petroleum Industry USSR.

Approved by the All-Union Committee on Standards 12 June 1943.

Effective 1 July 1943.

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